ELSEVIER

Aquatic Botany 78 (2004) 371–373

Aquatic botany

www.elsevier.com/locate/aquabot

Contents of *Aquatic Botany*, Volume 78

VOL. 78 NO. 1 **JANUARY 2004**

In Memoriam
J.T.M. Elzenga, L.C. van Ginkel and G. Bowes 1
Limited effects of grazer exclusion on the epiphytes of *Posidonia sinuosa* in South Australia
D. Keuskamp (Adelaide, Australia) 3
Long term expansion of a deep *Syringodium filiforme* meadow in St. Croix, US Virgin Islands: the potential role of hurricanes in the dispersal of seeds
M.S. Kendall, T. Battista (Silver Spring, MD, USA) and Z. Hillis-Starr (St. Croix, USA) 15
Retention of particulate matter by macrophytes in a first-order stream
T.G. Horvath (Schlitz, Germany) 27
Growth responses of the Everglades wet prairie species *Eleocharis cellulosa* and *Rhynchospora tracyi* to water level and phosphate availability
J. Busch, I.A. Mendelssohn (Baton Rouge, LA, USA), B. Lorenzen, H. Brix (Risskov, Denmark) and S. Miao (West Palm Beach, FL, USA) 37
Rhizome growth and nutrient resorption: mechanisms underlying the replacement of two clonal species in Florida Everglades
S. Miao (West Palm Beach, FL, USA) 55
Recovery of submerged plants from high water stress in a large subtropical lake in Florida, USA
K.E. Havens, B. Sharfstein, M.A. Brady, T.L. East, M.C. Harwell, R.P. Maki and A.J. Rodusky (West Palm Beach, FL, USA) 67
Growth, nutrient storage, and release of dissolved organic nitrogen by *Enteromorpha intestinalis* in response to pulses of nitrogen and phosphorus
P. Fong, J.J. Fong and C.R. Fong (Los Angeles, CA, USA) 83

Guide for Authors 97

VOL. 78 NO. 2 **FEBRUARY 2004**

Biomass response and changes in composition of ephemeral macroalgal assemblages along an experimental gradient of nutrient enrichment
R. Karez, S. Engelbert (Kiel, Germany), P. Kraufvelin (Turku/Åbo, Finland), M.F. Pedersen (Roskilde, Denmark) and U. Sommer (Kiel, Germany) 103
Temporal variation in species composition and abundance of fish and decapods of a tropical seagrass bed in Cockle Bay, North Queensland, Australia
S.N. Kwak (Pusan, South Korea) and D.W. Klumpp (Townsville, Australia) 119
Effects of inorganic carbon source on photosynthetic rates of *Egeria najas* Planchon and *Egeria densa* Planchon (Hydrocharitaceae)
S.A. Pierini and S.M. Thomaz (Maringá, Brazil) 135

doi:10.1016/S0304-3770(04)00048-8

Spatial and temporal variation in eelgrass (*Zostera marina*) landscapes: influence of physical setting
M. Frederiksen (Silkeborg, Denmark and Odense, Denmark), D. Krause-Jensen (Silkeborg, Denmark), M. Holmer (Odense, Denmark) and J.S. Laursen (Silkeborg, Denmark and Tønder, Denmark) 147
Long-term changes in area distribution of eelgrass (*Zostera marina*) in Danish coastal waters
M. Frederiksen (Silkeborg, Denmark and Odense M, Denmark), D. Krause-Jensen (Silkeborg, Denmark), M. Holmer (Odense M, Denmark) and J.S. Laursen (Silkeborg, Denmark and Tønder, Denmark) 167
In vitro experimental assessment of the grazing pressure of two gastropods on *Zostera marina* L. ephiphytic algae
C. Hily, S. Connan (Plouzané, France), C. Raffin and S. Wyllie-Echeverria (Seattle, WA, USA) 183

VOL. 78 NO. 3 **MARCH 2004**

Development of a nutrient pollution indicator using the seagrass, *Zostera marina*, along nutrient gradients in three New England estuaries
K.-S. Lee (Pusan, South Korea), F.T. Short and D.M. Burdick (Durham, NH, USA) 197
Do competition and selective herbivory cause replacement of *Phragmites australis* by tall forbs?
J.P.M. Lenssen (Heteren, The Netherlands and Nijmegen, The Netherlands), F.B.J. Menting and W.H. van der Putten (Heteren, The Netherlands) 217
Influences of simulated grazing and water-depth on the growth of juvenile *Bolboschoenus caldwellii*, *Phragmites australis* and *Schoenoplectus validus* plants
N. Hayball and M. Pearce (Berri, Australia) 233
Seedling emergence from seed banks of tidal freshwater wetlands: response to inundation and sedimentation
J.E. Peterson and A.H. Baldwin (College Park, MD, USA) 243
Influences of salinity and light on germination of three *Sarcocornia* taxa with contrasted habitats
S. Redondo, A.E. Rubio-Casal, J.M. Castillo (Sevilla, Spain), C.J. Luque (Huelva, Spain), A.A. Álvarez, T. Luque and M.E. Figueroa (Sevilla, Spain). 255
Blue light effect on growth, light absorption characteristics and photosynthesis of five benthic diatom strains
J.M. Mercado (Puerto Pesquero, Spain), M. del Pilar Sánchez-Saavedra, G. Correa-Reyes (Baja California, Mexico), L. Lubián, O. Montero (Cádiz, Spain) and F.L. Figueroa (Málaga, Spain) 265
Factors affecting biomass allocation in the riverine macrophyte *Justicia americana*
K.M. Fritz, M.A. Evans and J.W. Feminella (Auburn, AL, USA) 279

Book review
Aquatic and riparian weeds of the west
D.H. Les (Storrs, CT, USA) 289

Publisher's Acknowledgement 291

VOL. 78 NO. 4 **APRIL 2004**

Characterisation of nitrate reductase in the marine macroalga *Kappaphycus alvarezii* (Rhodophyta)
M. Granbom (Stockholm, Sweden), F. Chow, P.F. Lopes, M.C. de Oliveira, P. Colepicolo, E.J. de Paula (São Paulo, Brazil) and M. Pedersén (Stockholm, Sweden) 295

Spatio-temporal dynamics and plasticity of clonal architecture in *Potamogeton perfoliatus*
S.R. Wolfer and D. Straile (Konstanz, Germany) 307
Use of morphological variability in *Cladium jamaicense* and *Typha domingensis* to understand vegetation changes in an Everglades marsh
S.E.B. Weisner (Halmstad, Sweden) and S.L. Miao (West Palm Beach, FL, USA) 319
Small-scale resource heterogeneity among halophytic plant species in an upper salt marsh community
L. St. Omer (San Jose, CA, USA) 337
Salt uptake and shoot water relations in mangroves
C. Paliyavuth (Bangkok, Thailand), B. Clough (Townsville, Australia) and P. Patanaponpaiboon (Bangkok, Thailand) 349
The potential for hybridization between *Typha angustifolia* and *Typha latifolia* in a constructed wetland
S.M. Selbo and A.A. Snow (Columbus, OH, USA) 361

Contents of *Aquatic Botany*, Volume 78 371